Model # APSUSB201

Quick Installation Guide

Ver. 1A

Section 1

Setup Preparation

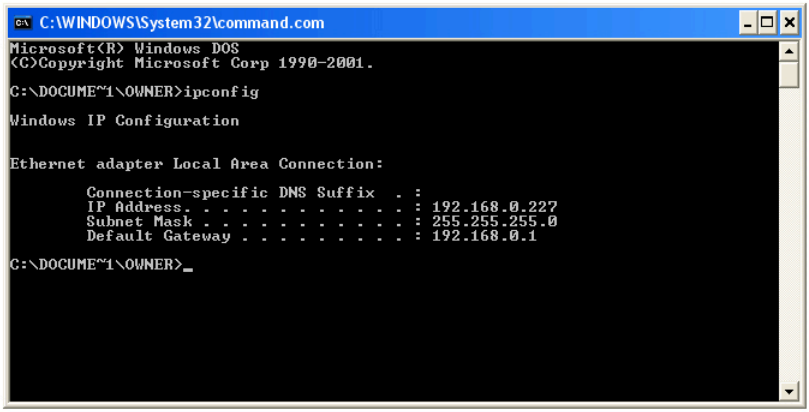
Warning: Before beginning the installation, make sure that the printer driver is installed locally on each computer that will print through the print server. Otherwise, the print server will not be configured successfully. Please refer to your printer's manual for instructions on how to install the printer driver.

Before setting up the print server, please take note of your TCP/IP setting.

Step 1 Click on **Start**, **Run**, and type **command** (for Windows 95/98/ME) or **cmd** (for Windows 2000/ XP) and click **OK**.

Step 2 At the command prompt, type **ipconfig** and press **Enter**.

Step 3 Write down the information for the **IP Address**, **Subnet Mask**, and **Default Gateway**. You will need these information later. (This is the IP Address of your computer).


C:\WINDOWS\System32\command.com
Microsoft(R) Windows DOS
(C)Copyright Microsoft Corp 1990-2001.
C:\DOCUME~1\OWNER>ipconfig
Windows IP Configuration
Ethernet adapter Local Area Connection:
Connection-specific DNS Suffix . :
IP Address. . . . . : 192.168.0.227
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.0.1
C:\DOCUME~1\OWNER>

Section 2

Connecting the Print Server

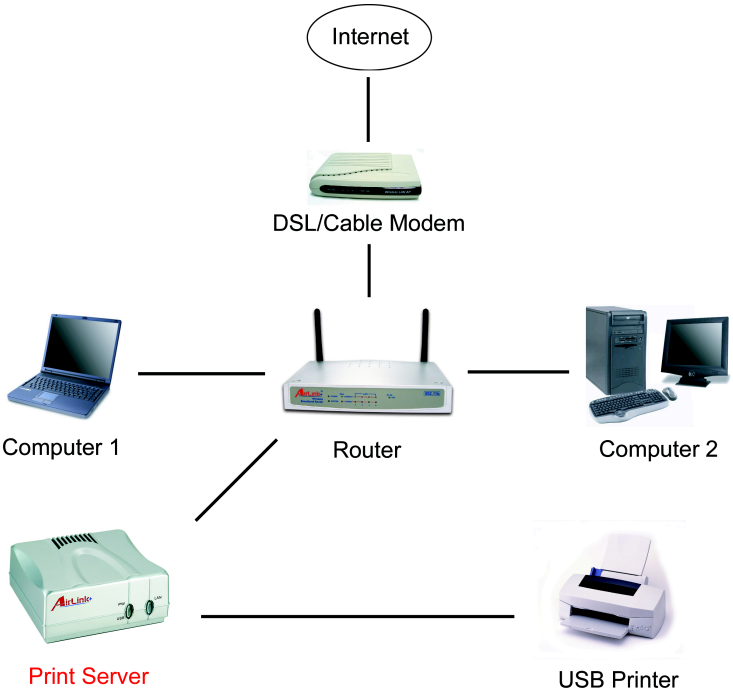
Warning: Do not plug the power cord to the print server until you have reached **Step 4** of this section.

Step 1 Connect one end of the Ethernet cable to the RJ-45 port of the print server and attach the other end of the cable to a router.

Step 2 Make sure all the printers are powered **OFF**, then connect one end of the USB cable to the USB port of the print server and attach the other end of the cable to the USB port of the printer.

Step 3 Turn **ON** the printer.

Step 4 Plug one end of the power cord into the print server and the other end into an electrical outlet.

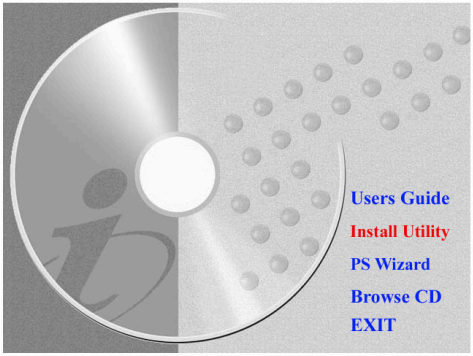


Section 3

Installing Software

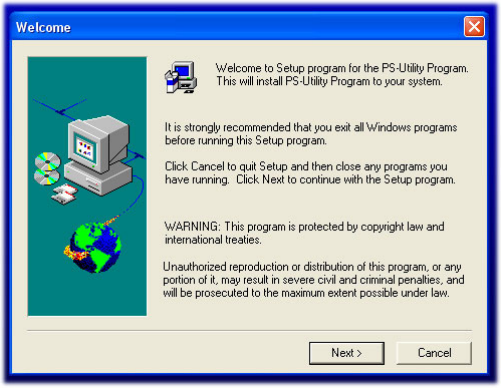
Step 1 Insert the provided CD and wait for the setup menu to appear.

Step 2 Click on **Install Utility**.

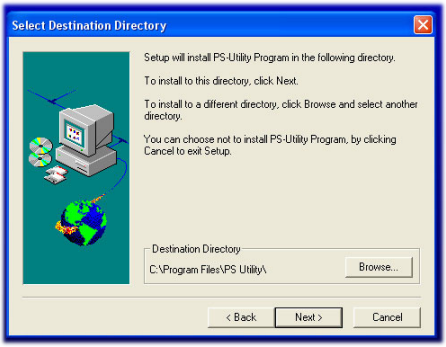


Note: If the setup menu does not appear automatically after you have inserted the CD, go to **Start**, **Run**, type **D:\PS Utility\setup.exe** (where **D** is the letter of your CD drive) and click **OK**.

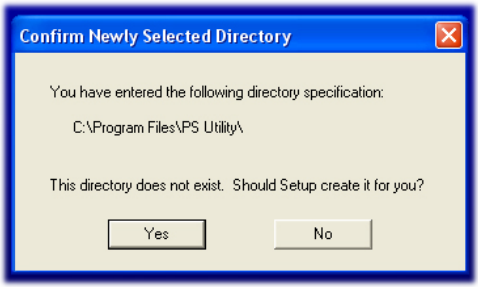
Step 3 Click **Next**.


Welcome
Welcome to Setup program for the PS-Utility Program. This will install PS-Utility Program to your system.
It is strongly recommended that you exit all Windows programs before running this Setup program.
Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
Next >
Cancel

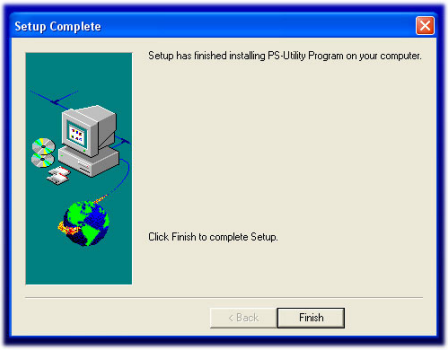
Step 4 Click **Next**.


Select Destination Directory
Setup will install PS-Utility Program in the following directory.
To install to this directory, click Next.
To install to a different directory, click Browse and select another directory.
You can choose not to install PS-Utility Program, by clicking Cancel to exit Setup.
Destination Directory
C:\Program Files\PS Utility\
Browse...
< Back
Next >
Cancel

Step 5 Click **Yes**.


Confirm Newly Selected Directory
You have entered the following directory specification:
C:\Program Files\PS Utility\
This directory does not exist. Should Setup create it for you?
Yes
No

Step 6 Click **Finish**.



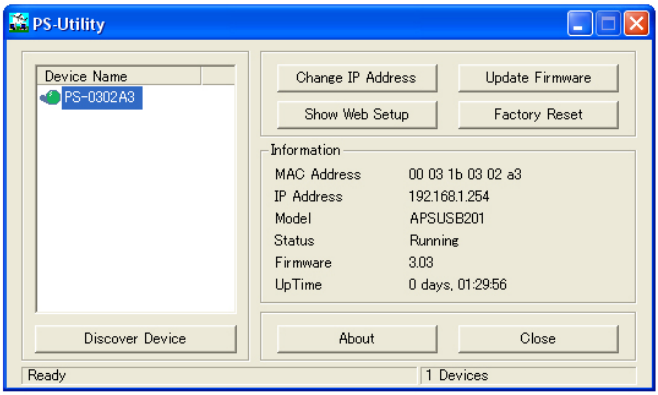
Section 4

Running PS Utility

Note: If your TCP/IP setting from **Section 1** has an IP Address of **192.168.1.x** (where **x** is a number between **2 - 253**) **AND** your Default Gateway is **192.168.1.1**, you may skip this section and proceed to **Section 5, Verifying Network Connection**. If either criteria does not match, please follow the instructions below to configure the network setting of the print server.

Step 1 Run the PS Utility by going to **Start**, **(All) Programs**, **PS Utility**, **PS Utility v2.00**.

Step 2 Make sure the print server is detected under the **Device Name**.



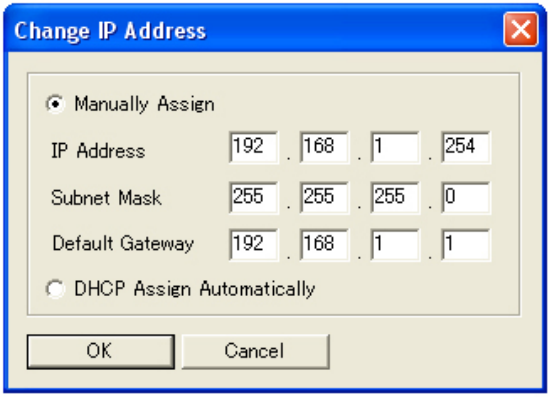
Note: If the print server is not detected, click on **Discover Device**. If nothing still appears, use a paper clip and hold in the **Reset** button at the back of the print server for ten seconds while it is on then click on **Discover Device** again.

Step 3 Click on **Change IP Address**. Refer back to the TCP/IP setting noted in Section 1 and make sure the **Subnet Mask** and **Default Gateway** match those displayed. If not, enter them manually.

Step 4 Refer back to the TCP/IP setting from Section 1. Note the first three sets of numbers from the **IP Address** you wrote down and enter them into the respective fields.

For example: If your computer's **IP Address** is **192.168.0.100**, enter the same three numbers: **192.168.0** in the corresponding fields.

Step 5 You can leave the last number **254** as is unless another network device (i.e. the **Default Gateway** from Section 1) is already using that number. If another network device is already using **254**, then change it to another number that is currently not in use (preferably **200 - 253**).



Step 6 Validity Check:

Make sure the **last number** on:

1. Computer's IP Address (IP Address from Section 1)
2. Print Server's IP Address (IP Address on the **Change IP Address** window)
3. Default Gateway (Default Gateway from Section 1)

are **NOT** the same.

Step 7 Click **OK**.

Step 8 Close the PS Utility program.

Section 5

Verifying Network Connection

Step 1 Click on **Start**, **Run**.

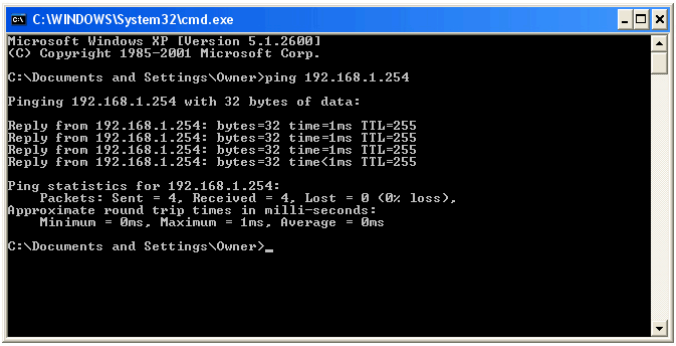
Step 2 For Windows 95/98/ME type **command** and click **OK**. For Windows 2000/XP, type **cmd** and click **OK**.

Step 3 At the command prompt, type **ping** and the **IP Address** of the print server and press **Enter**.

For example, if you have changed the IP Address of the print server to **192.168.0.254**, type **ping 192.168.0.254**

If you kept the factory default IP address, type **ping 192.168.1.254**

You should get four **Reply from** messages back from the print server similar to the following picture.


C:\WINDOWS\System32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\Owner>ping 192.168.1.254
Pinging 192.168.1.254 with 32 bytes of data:
Reply from 192.168.1.254: bytes=32 time=1ms TTL=255
Reply from 192.168.1.254: bytes=32 time=1ms TTL=255
Reply from 192.168.1.254: bytes=32 time=1ms TTL=255
Reply from 192.168.1.254: bytes=32 time<1ms TTL=255
Ping statistics for 192.168.1.254:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\Documents and Settings\Owner>

Step 4 Once you have received the four **Reply from** messages, you can proceed to the next section.

If you get **Request timed out** or **Destination host unreachable** message, please double-check your network cable connection and try again.

If you still do not get any **Reply from** messages, use a paper clip and hold in the **Reset** button at the back of the print server for ten seconds while it is turned on.

Note: Resetting the print server with the **Reset** button will reset the print server's IP address to the factory default. If you need to change the IP address of the print server again, use the **PS Utility**. After you have changed the print server's IP address, try to ping the print server again.

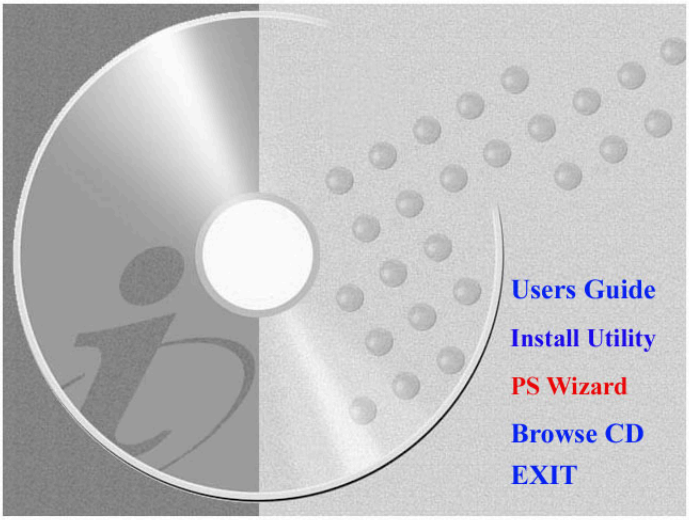
Section 6

Running PS Wizard

Warning: Make sure you have installed the printer driver locally on every computer in your network before running the PS Wizard. Otherwise, the PS Wizard will not run properly. Be sure to run the PS Wizard on all the computers in your network.

Step 1 Insert the provided CD and wait for the setup menu to appear.

Step 2 Click on **PS Wizard**.

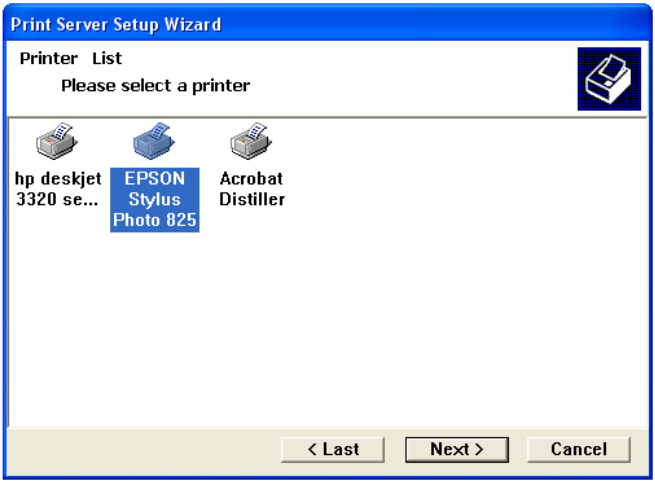


Note: If the setup menu does not appear automatically after you have inserted the CD, go to **Start**, **Run**, type **D:\PS Utility\PS Wizard.exe** (where **D** is the letter of your CD drive) and click **OK**.

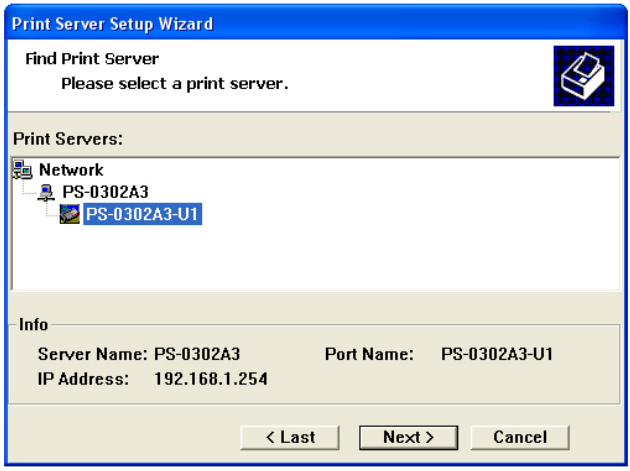
Step 3 Click **Next**.

Print Server Setup Wizard
Welcome To PS Wizard
This program will help you to connect printer to the network print server.
Press Next> to continue.
Platform:Windows XP
Next >
Cancel

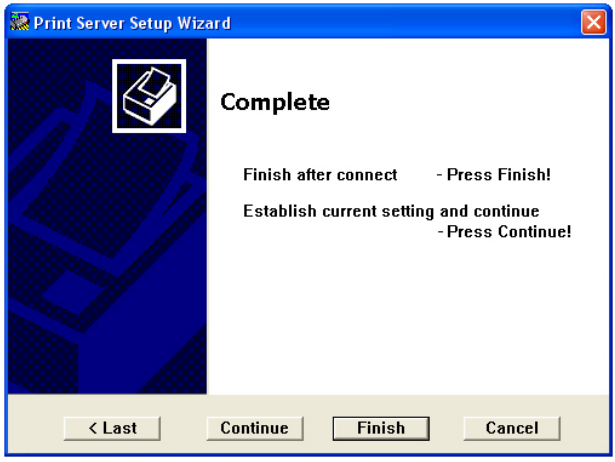
Step 4 Select the printer that is connected to the print server and click **Next**.



Step 5 Double-click on the **Print Server Name**, select the **Printer Port Name**, and click **Next**.



Step 6 Click **Reboot** (for Windows 95/98/ME) or **Finish** (for Windows 2000/XP).



Step 7 Run the **PS Wizard** on all the computers in your network that will use the print server.

You have successfully configured the print server for printing.

Note: This print server does not support most multi-functional printers (i.e. printers with scanner, fax, copier, etc. functions). If your printer is a multi-functional printer it may not work with this print server. For a list of compatible printers, please visit our web site at www.airlinkplus.com

For more information on how to use the web configuration or setup for Mac OS, please refer to the User's Manual in the provided CD.

Section 8

Technical Support

E-mail: support@airlinkplus.com

Toll Free: 1-888-746-3238

Web Site: www.airlinkplus.com